



# Clean Energy Education & Empowerment (C3E)

## AGENDA

### 12<sup>th</sup> Annual C3E Women in Clean Energy Symposium and Awards

**Clearing hurdles to achieve net zero by 2050:  
Moving quickly, eliminating risks, and leaving no one behind**

September 27-28, 2023  
Massachusetts Institute of Technology | Cambridge, MA

To achieve a rapid transition to an affordable and sustainable net-zero world, we must strategically increase momentum and address challenges. We will discuss how to preserve and strengthen policies to enable clean energy, address energy system inequities, speed up the technology journey from lab to market, and overcome present and future supply chain vulnerabilities to achieve net zero by 2050.

Hosted by the MIT Energy Initiative, in collaboration with the U.S. Department of Energy, Stanford Energy, and Texas A&M Energy Institute





# Clean Energy Education & Empowerment (C3E)

**Wednesday, September 27**

- 2:00 PM**      **REGISTRATION AND POSTER VIEWING WITH REFRESHMENTS**  
**Location:** Samberg Conference Center, 6th floor, Dining Room 5  
MIT, 50 Memorial Drive, Cambridge, MA 02142
- 3:00 PM**      **C3E SYMPOSIUM PROGRAM BEGINS**  
**Location:** Samberg Conference Center, 6th floor, Dining Rooms 3+4  
MIT, 50 Memorial Drive, Cambridge, MA 02142
- 3:00 pm**      **WELCOME AND INTRODUCTION OF KEYNOTE**  
**Martha Broad**, Executive Director, MIT Energy Initiative; C3E Ambassador
- 3:05 pm**      **KEYNOTE ADDRESS: EMPOWERING COMMUNITY AND WORKFORCE ON CLIMATE CHANGE**  
**Kathleen Hogan**, Principal Deputy Under Secretary for Infrastructure, U.S. Department of Energy
- 3:25 pm**      **LIFETIME ACHIEVEMENT AWARD PRESENTATION**  
  
Introduction by **Kathleen Hogan**, Principal Deputy Under Secretary for Infrastructure, U.S. Department of Energy  
  
**AWARDEE**  
**Gina McCarthy**, Managing Co-Chair, America Is All In; Former White House National Climate Advisor and U.S. EPA Administrator
- 3:40 pm**      **KEYNOTE ADDRESS: WOMEN: THE SHEROES OF CLIMATE ACTION**  
**Gina McCarthy**, Managing Co-Chair, America Is All In; Former White House National Climate Advisor and U.S. EPA Administrator



# Clean Energy Education & Empowerment (C3E)

4:00 pm

## C3E AWARD PRESENTATIONS

### ADVOCACY

Introduction by **Sydney McNiff Johnson**, President, Galena Strategies LLC;  
C3E Ambassador

### AWARDEE

**Jameka Hodnett**, Chief Program Officer, Chisholm Legacy Project

4:10 pm

## INCREASING MOMENTUM: ENSURING POLICY DURABILITY AND EFFECTIVENESS TO ACCELERATE DECARBONIZATION

As we race to meet the increasing challenge of net-zero emissions by 2050, panelists will discuss how to strengthen existing policies and implement new ones to increase the pace of progress.

### Moderator:

**Judy Chang**, Lecturer, Harvard Kennedy School; Former Undersecretary of Energy and Climate Solutions, Massachusetts Executive Office of Energy and Environmental Affairs; C3E Ambassador

### Speakers:

**Paula R. Glover**, President, Alliance to Save Energy; C3E Ambassador

**Peggy Heeg**, Board of Directors, Electric Reliability Council of Texas

**Melissa Hoffer**, Climate Chief, Office of Climate Innovation and Resilience, Commonwealth of Massachusetts



# Clean Energy Education & Empowerment (C3E)

**5:10 pm**

## **EMPOWERING ENERGY JUSTICE: BUILDING A GLOBAL ENERGY SYSTEM BASED ON EQUITY AND ADDRESSING PAST HARMS**

Equitable and affordable access to clean energy is crucial to the success of the energy transition. Panelists will discuss empowering native communities and grassroots groups, transitioning from oil and gas-dependent communities, and ensuring energy access in developing countries.

### **Moderator:**

**Janelle Knox-Hayes**, Professor of Economic Geography and Planning, Department of Urban Studies and Planning; Director, Resilient Communities Lab, MIT

### **Speakers:**

**Kathleen Araújo**, Professor of Sustainable Energy Systems, Innovation, and Policy; Director, Energy Policy Institute, Boise State University

**Wahleah Johns**, Director, Office of Indian Energy Policy and Programs, U.S. Department of Energy

**Rhonda Jordan Antoine**, Senior Energy Specialist, The World Bank; 2021 C3E International Award Winner

**6:10 pm**

## **CLOSING REMARKS: FRAMING DAY 2**

**Martha Broad**, Executive Director, MIT Energy Initiative; C3E Ambassador

**6:15 PM**

## **MEET UP AND TRAVEL TO DINNER VENUES**

**6:30 PM**

## **SMALL NETWORKING DINNERS**

**Locations:** Various Kendall Square restaurants

Please see the back of your nametag for your dinner location.

**9:00 PM**

## **DINNERS END**



# Clean Energy Education & Empowerment (C3E)

**Thursday, September 28**

**Location:** Samberg Conference Center, 7<sup>th</sup> floor, MIT, 50 Memorial Drive, Cambridge, MA 02142

**8:00 AM      REGISTRATION AND BREAKFAST**

**9:10 am      WELCOME AND INTRODUCTION OF KEYNOTE**

**Maria T. Vargas**, Senior Program Advisor, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy; C3E Ambassador

**9:20 am      KEYNOTE ADDRESS: ALL HANDS ON DECK**

**Sally Benson**, Precourt Family Professor of Energy Science Engineering, School of Earth, Energy & Environmental Sciences, Stanford University; Senior Fellow, Precourt Institute for Energy and Woods Institute for the Environment; C3E Ambassador

**9:50 am      C3E AWARD PRESENTATIONS**

**SOCIAL, ECONOMIC, & POLICY INNOVATION**

Introduction by **Marianne Walck**, Deputy Laboratory Director for Science and Technology and Chief Research Officer, Idaho National Laboratory; C3E Ambassador

**AWARDEE**

**Jacqueline Ashmore**, Executive Vice President of Engineering,  
New Leaf Energy



# Clean Energy Education & Empowerment (C3E)

**10:00 am TACKLING TECHNOLOGY AND SCALING CHALLENGES: MOVING FASTER FROM  
LAB TO MARKET**

Panelists will discuss how to propel progress in clean energy technology innovation, demonstration, and scaling.

**Moderator:**

**Emily Reichert**, CEO Emeritus, Greentown Labs, Inc.; C3E Ambassador

**Speakers:**

**Melissa Klembara**, Director, Portfolio Strategy, Office of Clean Energy Demonstrations, U.S. Department of Energy

**Elise Strobach**, Founder & CEO, AeroShield Materials, Inc.

**Claire Woo**, Senior Director of Project Engineering, Form Energy

**11:00 AM NETWORKING BREAK AND POSTER VIEWING**

**Location:** Samberg Conference Center, 6th floor, Dining Rooms 5+6

**11:30 am C3E AWARD PRESENTATIONS**

**GOVERNMENT**

Introduction by **Joan Wills**, Executive Director, Cummins Electronics;  
C3E Ambassador

**AWARDEE**

**Leuwam Tesfai**, Deputy Executive Director for Energy and Climate Policy,  
California Public Utilities Commission

**INTERNATIONAL**

Introduction by **Bryan Willson**, Executive Director, Energy Institute at Colorado  
State University; C3E Ambassador

**AWARDEE**

**Elizabeth Biney-Amisah**, Managing Partner, TBrA X Ventures, part of The  
Boardroom Africa Group



# Clean Energy Education & Empowerment (C3E)

**11:50 am**

## **ACCELERATING ELECTRIFICATION: BUILDING A ROBUST GRID TO SUPPORT A SUCCESSFUL CLEAN ENERGY TRANSITION**

Panelists will discuss how to build out an affordable, resilient electric transmission and distribution system, including how to meet the challenges of congestion and lengthy interconnection queues putting our national climate/electrification goals at risk.

### **Moderator:**

**Inês Azevedo**, Associate Professor, Department of Energy Science & Engineering, Stanford University; 2017 C3E Research Award Winner

### **Speakers:**

**Caroline Choi**, Senior Vice President, Corporate Affairs, Edison International and Southern California Edison

**Julie Mulvaney Kemp**, Research Scientist, Electricity Markets and Policy Department, Lawrence Berkeley National Laboratory

**Becky Klein**, President, Klein Energy LLC; Founder & Director, Texas Energy Poverty Research Institute

**12:50 PM**

## **LUNCH AND POSTER VIEWING**

**Location:** Samberg Conference Center, 6th floor, Dining Rooms 5+6

**2:20 pm**

## **C3E AWARD PRESENTATIONS**

### **LAW**

Introduction by **Christine Ervin**, President, Christine Ervin Co.;  
C3E Ambassador

### **AWARDEE**

**Melinda Baglio**, Chief Investment Officer and General Counsel, CleanCapital

### **ENTREPRENEURSHIP**

Introduction by **Susan Petty**, President and Co-Founder, AltaRock Energy, Inc.,  
and Senior Advisor, Cirq Energy, LLC; C3E Ambassador

### **AWARDEE**

**Piper Foster Wilder**, Founder and CEO, 60Hertz Energy



# Clean Energy Education & Empowerment (C3E)

## 2:40 pm STUDENT POSTER WINNER PRESENTATION

**Antje Danielson**, Director of Education, MIT Energy Initiative

**Angeliki Diane Rigos**, Associate Director for Graduate Programs,  
MIT Energy Initiative

## 2:50 pm C3E AWARD PRESENTATIONS

### BUSINESS

Introduction by **Alla Weinstein**, Co-Founder, Trident Winds LLC; C3E Ambassador

### AWARDEE

**Raisa Lee**, Director of Project Development, Clearway Energy Group

### TECHNOLOGY RESEARCH & INNOVATION

Introduction by **Barbara Kates-Garnick**, Professor of Practice and Senior  
Research Fellow, Center for International Environment and Resource Policy,  
Fletcher School, Tufts University; C3E Ambassador

### AWARDEE

**Jie Xiao**, Battelle Fellow and Group Leader, Battery Materials & System Group,  
Pacific Northwest National Laboratory

## 3:10 PM NETWORKING BREAK

## 3:25 pm C3E AWARD PRESENTATIONS

### EDUCATION

Introduction by **Susan Brennan**, Chief Executive Officer,  
5E Advanced Materials, Inc.; C3E Ambassador

### AWARDEE

**Evangelina Galvan Shreeve**, Chief Diversity Officer and Director of STEM  
Education, Pacific Northwest National Laboratory





# Clean Energy Education & Empowerment (C3E)

## **FINANCE**

Introduction by **Debora M. Frodl**, Founder and Chief Executive Officer, DF Strategies, LLC; C3E Ambassador

## **AWARDEE**

**Erin Davis**, Co-Founder and Chief Operating Officer, Enduring Planet

**3:45 pm**

### **CREATING RESILIENT SUPPLY CHAINS: SECURING SUPPLIES OF MINERALS, MATERIALS, AND MANUFACTURING CAPACITY TO DELIVER ON A NET-ZERO ENERGY SYSTEM**

Secure supplies of minerals, materials, and manufacturing capacity are needed to deliver the technologies that are critical to a net-zero energy system. Panelists will discuss how to anticipate and prevent supply chain challenges.

#### **Moderator:**

**Antje Danielson**, Director of Education, MIT Energy Initiative

#### **Speakers:**

**Barchi Gillai**, Associate Director, Value Chain Innovation Initiative, Stanford Graduate School of Business

**Amy Glasmeier**, Professor of Economic Geography and Regional Planning, MIT Department of Urban Studies and Planning

**Michelle Foss** Fellow in Energy, Minerals & Materials, Center for Energy Studies, Baker Institute for Public Policy, Rice University

**Elsa Olivetti**, Jerry McAfee (1940) Professor in Engineering, MIT Department of Materials Science and Engineering; Co-director, MIT Climate and Sustainability Consortium

**5:00 PM**

### **CLOSING REMARKS**

**Naomi Boness**, Managing Director, Stanford Natural Gas Initiative; Co-Managing Director, Stanford Hydrogen Initiative; C3E Ambassador

**5:10 PM**

### **NETWORKING RECEPTION**